Triple Stackable Shaking Incubator LX400SCS

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Description

Triple stackable shaking incubator LX400SCS is a threefold chamber shaking incubator with a PID microprocessor controller, LCD display for setting parameters and visualization, a large toughened glass window to view temperature, speed and time. Features various types of alarm functions such as high/low limit over temperature acoustic & visual alarm, high/low limit over speed alarm, continuous running and time setting. Motor over-heat protection, automatic power cut-off in case of temperature out of control or abnormal over-temperature. It is mostly used in germ culture, fermentation, hybridization, and research of biochemical reactions, enzymes and cellular tissue and all those require high temperature and oscillation frequency.

Specifications

Volume	80 L
Motion type	Orbital/Reciprocal (Switchable)
Shaking speed range	30-300rpm
Speed accuracy	±1rpm
Amplitude	Φ25mm
Display	7 inch LCD touch screen
Ambient temperature	20°C
Temperature range	4~60˚C (Ambient temp 20˚C)
Temperature resolution	±0.1˚C
Temperature uniformity	±1˚C(37˚C)
Temperature fluctuation	≤0.2˚C(37˚C)
Timer range	0-999 h 59 min
Convection model	Forced air convection
Number of trays	1
Tray Dimension (W x D)	42 x 400 mm
Inner dimensions (W x D x H)	495 x 455 x 370 mm
Max. capacity of flasks	250ml x 16 500ml x 9 1000ml x 9 2000ml x 5

Lamp	Illumination lamp / UV lamp
Power	580 V
Electrical supply	AC 200~240V 50/60HZ
Exterior dimensions (W x D x H)	495 x 455 x 370 mm
Net weight	580 x 720 x 580 mm
Packing dimensions	100 kg
Gross weight	750 x 920 x 780 mm

Features

- Speed range extendable to 30-300rpm with temperature range RT+5°C~60°C
- Max stacking up to 3 units
- Switch between reciprocal/rotary for multipurpose
- 7’ LCD touch screen display with PID microprocessor controller
- Having maintenance-free variable frequency motor, over temperature and speed acoustic & visual alarm
- The function of encrypted and locked operating parameters to avoid errors
- Features speed saving, power-failure recovery, parameter memory, temperature/speed calibration, time display, and room/working temperature display. Repeat, increment
- 8-segment curve programming setting
- Came-with anti-static plastic coating steel casing with stainless steel inner chamber and tray

Applications

- Stackable shaking incubator used in biotechnology companies, pharmaceutical, fermentation, microbiology, biochemical experiments, food and environmental protection.

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